## 2018-19 UMD Graduate Follow-up Report

### Biology

*(Bachelor of Arts or Bachelor of Science)*

### Annual Comparison

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Students Granted Baccalaureate Degrees</strong></td>
<td>124</td>
<td>123</td>
<td>108</td>
<td>92</td>
<td>112</td>
</tr>
<tr>
<td><strong>Baccalaureate Degree Respondents</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Respondents Employed</td>
<td>75</td>
<td>56</td>
<td>64</td>
<td>48</td>
<td>55</td>
</tr>
<tr>
<td>Respondents Employed in Minnesota</td>
<td>58/75</td>
<td>44/55</td>
<td>54/64</td>
<td>41/47</td>
<td>44/55</td>
</tr>
<tr>
<td>Respondents Continuing Education</td>
<td>29</td>
<td>35</td>
<td>25</td>
<td>26</td>
<td>33</td>
</tr>
<tr>
<td>Respondents Completing an Internship or Co-op Experience (not student teaching)</td>
<td>27</td>
<td>17</td>
<td>16</td>
<td>10</td>
<td>16</td>
</tr>
<tr>
<td>Respondents Receiving Academic Credit for their Internship or Co-op Experience</td>
<td>12/25</td>
<td>5/17</td>
<td>8/15</td>
<td>3/10</td>
<td>6/13</td>
</tr>
<tr>
<td>Respondents Receiving Payment for their Internship or Co-op Experience</td>
<td>14/25</td>
<td>9/17</td>
<td>9/15</td>
<td>8/10</td>
<td>8/14</td>
</tr>
<tr>
<td>Respondents Receiving an Offer of Employment from the Internship or Co-op Site</td>
<td>4/26</td>
<td>5/17</td>
<td>6/15</td>
<td>5/9</td>
<td>5/13</td>
</tr>
<tr>
<td>Respondents Accepting the Employment Offer</td>
<td>2/4</td>
<td>4/5</td>
<td>4/6</td>
<td>2/5</td>
<td>4/5</td>
</tr>
<tr>
<td><strong>Study Abroad Participation Respondents</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Respondents Participating in a Study Abroad Program</td>
<td>14</td>
<td>13</td>
<td>17</td>
<td>15</td>
<td>11</td>
</tr>
</tbody>
</table>

*Respondents completing an internship or co-op experience is not limited to student teaching.*
### Baccalaureate Statistics

<table>
<thead>
<tr>
<th>Awarded Majors</th>
<th>Survey Respondents</th>
<th>Employed</th>
<th>Cont Ed Undergrad</th>
<th>Cont Ed Grad/Prof</th>
<th>Not Seeking</th>
<th>Actively Seeking</th>
<th>No Info</th>
<th>Employed w/State Given</th>
<th>Employed in Minnesota</th>
<th>Employed in Minnesota</th>
<th>% Employed</th>
<th>% Placed</th>
</tr>
</thead>
<tbody>
<tr>
<td>112</td>
<td>89</td>
<td>55</td>
<td>4</td>
<td>29</td>
<td>0</td>
<td>1</td>
<td>23</td>
<td>55</td>
<td>44</td>
<td>80%</td>
<td>62%</td>
<td>99%</td>
</tr>
</tbody>
</table>

### Reported Annual Salaries

<table>
<thead>
<tr>
<th># Respondents</th>
<th>Low</th>
<th>High</th>
<th>Mean</th>
<th>Median</th>
</tr>
</thead>
<tbody>
<tr>
<td>31</td>
<td>22880</td>
<td>80000</td>
<td>40427</td>
<td>36400</td>
</tr>
</tbody>
</table>

### Job Relevance to Major

<table>
<thead>
<tr>
<th>Respondents</th>
<th>Related</th>
<th>Somewhat Related</th>
<th>Not Related</th>
<th>No Response</th>
<th>% of Total Respondents</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>32</td>
<td>14</td>
<td>9</td>
<td>0</td>
<td>58%</td>
</tr>
<tr>
<td></td>
<td>58%</td>
<td>25%</td>
<td>16%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Internships

<table>
<thead>
<tr>
<th>Completed an internship</th>
<th>Received academic credit for it</th>
<th>Was paid</th>
<th>Received an offer of employment</th>
<th>Accepted the offer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respondents</td>
<td># Yes</td>
<td>% Yes</td>
<td>Respondents</td>
<td># Yes</td>
</tr>
<tr>
<td>76</td>
<td>16</td>
<td>21%</td>
<td>13</td>
<td>6</td>
</tr>
<tr>
<td>5</td>
<td>4</td>
<td>80%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Study Abroad

<table>
<thead>
<tr>
<th>Studied Abroad</th>
<th>Did not study abroad</th>
<th>No response</th>
</tr>
</thead>
<tbody>
<tr>
<td># Respondents</td>
<td>Number</td>
<td>Percent</td>
</tr>
<tr>
<td>71</td>
<td>11</td>
<td>15%</td>
</tr>
</tbody>
</table>

---

1 "Awarded Majors" includes all majors completed by an individual
2 "Survey Respondents" includes all majors completed by an individual and does not include "No Info"
3 "% Placed" includes "Survey Respondents" who are "Employed," "Continuing Ed" and "Not Seeking"
4 Salary data is available when 3 or more full-time employed respondents provided salary information and includes all majors completed by an individual
5 "Internship" includes internship or co-op, but not student teaching
6 "Respondents" includes all majors completed by an individual
### Where Students Interned Prior to Graduation

<table>
<thead>
<tr>
<th>Institution</th>
<th>Institution</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>AmeriCorps</td>
<td>State of Minnesota, Department of Natural Resources</td>
<td>UMD, Natural Resources Research Institute</td>
</tr>
<tr>
<td>Essentia Health</td>
<td>United States Environmental Protection Agency</td>
<td>University of Minnesota Twin Cities, Cloquet Forestry Center</td>
</tr>
<tr>
<td>Field Museum of Natural History</td>
<td>University of Minnesota Duluth (UMD)</td>
<td>Wildlife Rehabilitation Center of Minnesota</td>
</tr>
<tr>
<td>Great Lakes Aquarium</td>
<td>UMD, Kirby Leadership Institute</td>
<td></td>
</tr>
<tr>
<td>Smithsonian National Museum of Natural History</td>
<td></td>
<td></td>
</tr>
<tr>
<td>State of Minnesota, Department of Health</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Employed & Continuing Education After Graduation - Biology – Bachelor of Arts

- Alexandria Public Schools, Area High School and Lake Life Hospitality, Alexandria, MN - Middle School Nordic Ski Coach and Bartender
- Children's Minnesota Hospital - Minneapolis: UnitedHealthcare Pediatric Emergency Department, Minneapolis, MN - Emergency Medical Technician
- City of Duluth, Duluth, MN - Parks Maintenance
- HealthPartners & Park Nicollet, Minneapolis, MN - Ambulatory Surgery Aide
- Livio Health, Minneapolis, MN - Data Analyst
- Mayo Clinic, Rochester, MN - Clinical Laboratory Technologist
- MidSci, St. Louis, MO - Biotechnology Sales Representative
- Summit School, Duluth, MN - Teacher's Assistant
- Trine University, Angola, IN - Women’s Hockey Assistant & Goalie Coach
- United States Environmental Protection Agency, Mid-Continent Ecology Division, Duluth, MN - Research Associate
- Medical School, University of Wisconsin-Madison Medical School, Madison, WI
- Physical Therapy School, College of St. Scholastica, Duluth, MN
- Physician Assistant School, College of St. Scholastica, Duluth, MN
- Undergrad/Technical, Mechanical Engineering and Electrical Engineering, University of Minnesota Duluth, Duluth, MN
Employed & Continuing Education After Graduation - Biology - Bachelor of Science

Allina Health, Minneapolis, MN - Laboratory Assistant
Allina Health Mercy Hospital, Coon Rapids, MN - Certified Nursing Assistant
Amazing Grace Bakery & Cafe, Duluth, MN - Baker
AmeriCorps, Conservation Corps New Mexico, Carlsbad, NM - Botany Technician
Animal Allies Humane Society, Duluth, MN - Adoption Counselor
Aspirus, Wausau, WI - Registered Nurse
Bayshore Residence & Rehabilitation Center, Duluth, MN - Certified Nursing Assistant
Bernick's, Duluth, MN - Load Crew
BluePearl Veterinary Partners, Duluth, MN - Veterinary Assistant
Cargill, Elk River, MN - Laboratory Technician (2)
Cornerstone Early Learning Center, Hugo, MN - Lead Teacher
CR-BPS, Duluth, MN - Technician
Essentia Health, Duluth, MN - Cardiovascular Technician
Exact Sciences, Madison, WI - Clinical Laboratory Scientist
FireFly Computers, St. Paul, MN - Account Development Representative
Food Farm, Wrenshall, MN - Farm Employee
Genesis10, St. Paul, MN - Software Consultant
Hennepin County, Sheriff’s Office, Minneapolis, MN - Multi-disciplinary Evidence Processor
Innovative Blood Resources, St. Paul, MN - Donor Testing Technician
Institute for Environmental Assessment, Brooklyn Park, MN - Environmental Safety Technician
Institute for Environmental Assessment, Brooklyn Park, MN - Environmental Technician
Island Orchard Cider, Ellison Bay, WI - Assistant Production Manager
Mayo Clinic, Rochester, MN - Clinical Laboratory Cytotechnologist
Medica, Minnetonka, MN - Provider Services Coordinator
MedTox, New Brighton, MN - Laboratory Technician
Minny Grown, Cannon Falls, MN - Plant Biologist
Noran Neurological Clinic, Minneapolis, MN - Neurological Clinical Scribe
Northern Toboggan Company, Warroad, MN - Toboggan Maker
Peace Corps, Zambia
Prism Clinical Research, St. Paul, MN - Research Assistant
Redwood Area School District, Redwood Valley High School, Redwood Falls, MN - Substitute Teacher
Sanford Medical Center, Sioux Falls, SD - Nursing Assistant
ScribeAmerica, St. Paul, MN - Medical Scribe

St. Luke's, Duluth, MN - Medical Assistant
St. Luke's, Duluth, MN - Patient Reception Representative
Tanganyika Wildlife Park, Goddard, KS - Hoofstock Keeper
Tareen Dermatology, Elk River, MN - Medical Assistant
Tareen Dermatology, Roseville, MN - Medical Assistant
United States National Oceanic & Atmospheric Administration, Seattle, WA - Fishing Observer
University of Minnesota Duluth, Duluth, MN - Laboratory Technician
University of Minnesota Duluth, Natural Resources Research Institute, Duluth, MN - Field Technician
University of Minnesota Duluth, Natural Resources Research Institute, Duluth, MN - Research Technician
University of Wisconsin-Madison, Madison, WI - Clinical Research Coordinator

Dental School, A.T. Still University of Health Sciences, Kirksville, MO
Dental School, Marquette University, Milwaukee, WI
Dental School, University of Minnesota School of Dentistry, Minneapolis, MN
Graduate School, Animal Behaviour, University of St. Andrews, St. Andrews, United Kingdom
Graduate School, Biology, Duke University, Durham, NC
Graduate School, Biology, University of North Carolina at Chapel Hill, Chapel Hill, NC
Graduate School, Chemistry, University of Florida, Gainsville, FL
Graduate School, Clinical Psychology, Adler University, Chicago, IL
Graduate School, Integrated Biosciences, University of Minnesota Duluth, Duluth, MN (2)
Graduate School, Nursing, University of Northwestern - St. Paul, St. Paul, MN
Graduate School, Teaching Secondary Life Science, College of St. Scholastica, Duluth, MN
Medical School, University of Minnesota Medical School, Duluth, Duluth, MN (2)
Occupational Therapy School, Colorado State University, Fort Collins, CO
Optometry School, Southern College of Optometry, Memphis, TN
Pharmacy School, University of Minnesota College of Pharmacy Duluth, Duluth, MN (2)
Employed & Continuing Education After Graduation – Biology BS (cont.)

Pharmacy School, University of Minnesota College of Pharmacy Twin Cities, Minneapolis, MN (2)
Physical Therapy School, College of St. Scholastica, Duluth, MN
Physician Assistant School, Bethel University, Arden Hills, MN (2)
Physician Assistant School, College of St. Scholastica, Duluth, MN
Physician Assistant School, Concordia University Wisconsin, Mequon, WI
Veterinary School, St. George’s University, School of Veterinary Medicine, St. George’s, Grenada

Undergrad/Technical, Emergency Medical Technician, Montana State University, Bozeman, MT
Undergrad/Technical, Law Enforcement, Vermilion Community College, Ely, MN
Undergrad/Technical, Nursing Assistant/Home Health Aide, Minneapolis Community & Technical College, Minneapolis, MN